

Subject Index to Volume 4

A

Acetaldehyde, cilia dysfunction mediated by, bronchial epithelial cells, L29
 Acetylsalicylic acid, transcellular metabolism, AM-PMN cocultures, L594
 Actin, content, airway smooth muscle, L522
 Actinomycin D, regulation, surfactant protein B synthesis, L37
 Adenosine, 5' (N-ethylcarboxyamido), type II pneumocytes, L52
 Adenosine diphosphate, ribosylation, type II pulmonary epithelial cell G proteins, L539
 Adenosine monophosphate, cyclic, surfactant-associated protein synthesis and, lung, L226
 Adenosine triphosphate, inositol phospholipid metabolism stimulated by, type II pneumocytes, L586
 ADP: *see* Adenosine diphosphate
 Airway
 cilia, *P. aeruginosa*-derived bacterial products in, L61
 contractility, endothelin 1 regulation of, L75
 epithelium
 neuroepithelial bodies and cell proliferation, fetus (hamster), L234
 neutral endopeptidase in, glucocorticoids and, L83
 unstimulated, electrogenic transport (horse), L510
 hyperresponsiveness, inflammation and cell-cell interactions, L189
 narrowing, inhibitor of neutrophil function, L501
 neutral endopeptidase in, L212
 perfused with blood-free solution, PAF effects, L260
 secretions, microperfusion of bronchioles (sheep), L603
 smooth muscle
 contraction, myosin content, maturational changes, L471
 force generated by, L522
 maturing, endothelin 1 action in, L434
 Albumin, hydraulic conductivity and, pulmonary artery endothelial monolayers, L571
 Alveolar epithelial cells
 expression, plasminogen activator inhibitor-1 and urokinase, L286
 hydrogen peroxide injury, L318
 type II
 isolation of, secretory granule calcium loss after, L129
 p146 antigen, L274
 Alveolar epithelium
 ectopeptidases of, regulatory mechanisms and, L381
 surfactant protein B mRNA in, dexamethasone effects, L146
 Amiloride, sodium ion conductive pathways inhibitable by, alveolar type II pneumocytes, L90
 Amino acids
 sulfur-containing, macromolecular sulfation, L450

transport, pulmonary artery endothelial cells, L241
 Aminopeptidase N, type II alveolar epithelial cell antigen and, L274
 AM: *see* Macrophages, alveolar
 Angiotensin-converting enzyme, role in airway, L212
 Antigens, study of protein structure and function, lung diseases, L1
 Antioxidant enzymes
 gene expression, lung, perinatal, L428
 induction, ozone, lung, L412
 injury, pulmonary alveolar epithelial cells, L318
 α_1 -Antitrypsin, adult respiratory distress syndrome, radiation model of, L311
 Arachidonic acid
 metabolism, molecular biology of, L13
 oxidant stress, vascular reactivity and, L207
 synthesis, tracheocytes (guinea pig), L349
 transcellular metabolism, AM-PMN cocultures, L594
 L-Arginine, cGMP accumulation and, tracheal smooth muscle, L489
 Asthma
 bronchial epithelial cell-derived factor in, eosinophil activation and, L530
 hyperresponsiveness, airway, L189
 neutral endopeptidase, role in airway, L212
 ATP: *see* Adenosine triphosphate

B

Benzamil, sodium ion conductive pathways inhibitable by, alveolar type II pneumocytes, L90
 2',7'-Bis(carboxyethyl)5,6-carboxyfluorescein
 intracellular pH
 alveolar epithelial cells, L555
 pulmonary arterial smooth muscle, L516
 Botulinum toxin, ADP ribosylation, type II pulmonary epithelial cells, L539
 Bronchi, inflammation, bronchial lavage, L501
 Bronchial epithelial cell-derived factor, asthma, eosinophil activation and, L530
 Bronchiolar epithelium, surfactant protein B mRNA in, dexamethasone effects, L146
 Bronchioles, microperfusion in (sheep), L603
 Bronchoalveolar lavage
 Fc γ receptors, pulmonary alveolar macrophages, L403
 inhibitor of neutrophil function isolated from, L501
 Bronchospasm, bronchial epithelial cell-derived factor in, eosinophil activation and, L530

C

Calcium, loss, secretory granule, alveolar type II cells, L129

cAMP: *see* Adenosine monophosphate, cyclic
 Catalase
 gene expression, lung, perinatal, L428
 injury, pulmonary alveolar epithelial cells, L318
 Central nervous system, respiratory neurotransmitters, immunohistochemistry, L374
 Ceruloplasmin, gene expression, lung inflammation and hyperoxia, L68
 Chemiluminescence, fungal cytotoxicity and, oxygen-enhanced macrophages, L457
 Chemotaxis, monocyte, cigarette smoke, L254
 Chloride
 secretion, unstimulated tracheal epithelium (horse), L510
 transport, microperfusion of bronchioles (sheep), L603
 Cholera toxin, ADP ribosylation, type II pulmonary epithelial cells, L539
 Choline-phosphate cytidyltransferase, biosynthesis, hypertrophic type II cells, L577
 Chromatography, high-performance liquid, type II cell lipid-sorting signal, L44
 Cigarette smoke
 acetaldehyde-mediated cilia dysfunction, bronchial epithelial cells, L29
 complement activation by, L254
 Cilia, dysfunction, acetaldehyde-mediated, bronchial epithelial cells, L29
 Circulation
 pulmonary
 inhibitors of EDRF and EDHF effects, L97
 intracellular pH effects, L516
 maturational changes, pulmonary artery (sheep), L280
 oxidant stress and, L207
 mucociliary
 bronchial epithelial cells, L29
 bronchioles (sheep), L603
 Complement C5a, activation, cigarette smoke, L254
 Concentration-response relations, airway smooth muscle contraction, preconditioning effects, L168
 Copper, gene expression, lung inflammation and hyperoxia, L68
 Cycloheximide
 lung injury, tumor necrosis factor- α , L296
 regulation, surfactant protein B synthesis, L37
 Cyclooxygenase
 molecular biology of, L13
 stress, vascular reactivity and, L207
 L-Cysteine, sulfur-containing, macromolecular sulfation, L450
 Cytokines
 eosinophil activation and survival, bronchial epithelial cell-derived factor in asthma, L530
 signaling, lung, L123
 Cytotoxicity, macrophage, oxygen-enhanced, lung, L457

D

- Degradation rates, gene expression, L179
 Development: *see also* Growth; Maturation
 fluid secretion, alveolar epithelial cells, L494
 lung
 glycogen storage disorder and, fetus, L419
 neuroepithelial bodies and cell proliferation, fetus (hamster), L234
 surfactant ontogeny, L562
 type II pneumocytes, lung, L113
 Dexamethasone
 regulation, surfactant protein B synthesis, L37
 surfactant apoprotein and, lung compartments, L161
 surfactant protein B mRNA and, alveolar and bronchial epithelium, L146
 Dextran, neutral, pulmonary artery endothelial monolayers, L571
 Diacylglycerol, secretion, type II pneumocytes, L586
 Dihydrospingosine, activation, hypoxic pulmonary artery smooth muscle proliferation, L136

E

- Ectoepithelium, alveolar regulatory mechanisms, L381
 EDHF: *see* Endothelium-derived hyperpolarizing factor
 EDRF: *see* Endothelium-derived relaxing factor
 Eicosanoids, synthesis, tracheocytes (guinea pig), L349
 Endopeptidase
 neutral
 glucocorticoid effects, tracheal epithelial cells, L83
 role in airway, L212
 Endothelial cells
 lipid peroxidation and oxidant injury, supplemental fatty acid effects, L481
 pulmonary artery, regulation of manganese superoxide dismutase in (pig), L444
 Endothelin 1
 mechanism of action, maturing airway smooth muscle, L434
 regulation, airway contractility, L75
 Endothelium-derived hyperpolarizing factor, inhibitors of, vasoreactivity of perfused lungs, L97
 Endothelium-derived relaxing factor
 inhibitors of, vasoreactivity of perfused lungs, L97
 like substance, generation, tracheal smooth muscle, L489
 maturation changes, pulmonary artery (sheep), L280
 Endotoxin, exposure induced by, pulmonary glycoproteins, L340
 Enkephalinase, glucocorticoid effects, tracheal epithelial cells, L83
 Eosinophils
 activation, bronchial epithelial cell-derived factor in asthma, L530
 hyperresponsiveness, airway, L189
 Epigenesis, genetic mechanisms and, mammalian cells, L386

- Epithelial cells
 alveolar
 developing, fluid secretion, L494
 sodium-bicarbonate symport effects on intracellular pH, L555
 bronchial, acetaldehyde-mediated cilia dysfunction, L29
 tracheal, neutral endopeptidase in, glucocorticoids and, L83
 Epitopes, antibody study of protein, lung diseases, L1
 Ethanol, acetaldehyde-mediated cilia dysfunction, bronchial epithelial cells, L29
 Exercise, preconditioning, tracheal smooth muscle responsiveness and, L168

F

- Fatty acids
 biosynthesis, hypertrophic type II cells, L577
 chain length, type II cell lipid-sorting signal, L44
 supplemental, lipid peroxidation and oxidant injury with, endothelial cells, L481
 Fetus
 airway epithelium, neuroepithelial bodies and cell proliferation (hamster), L234
 developing alveolar epithelial cells, fluid secretion, L494
 lung development, glycogen storage disorder and, L419
 Fibroblasts
 lung, sulfation by, L451
 transforming growth factor- β secretion, lung, L123
 Fluid, secretion, developing alveolar epithelial cells, L494

G

- Gene expression
 catalase, lung, perinatal, L428
 ceruloplasmin, lung inflammation and hyperoxia, L68
 epigenetic mechanisms and, mammalian cells, L386
 quantitative approaches for, L179
 tracheal epithelial cells, neutral endopeptidase in, glucocorticoids and, L83
 Gene regulation, protein B, pulmonary surfactant, glucocorticoids in, L37
 Glucocorticoids
 neutral endopeptidase and, transformed, tracheal epithelial cells, L83
 pulmonary surfactant protein B gene transcription and, L37
 surfactant apoprotein and, lung compartments, L161
 surfactant protein B mRNA and, alveolar and bronchial epithelium, L146
 Glutamine, transport, pulmonary artery endothelial cells, L241
 Glycogen, storage disorder, fetal lung development and, L419
 Glycoproteins
 endothelial, endotoxin-induced exposure, lung, L340
 mucin, respiratory, immunological properties of, L326
 G proteins, type II pulmonary epithelial cell, ADP ribosylation, L539

- Granulocyte-macrophage colony-stimulating factor, eosinophil activation and survival, bronchial epithelial cell-derived factor in asthma, L530
 Growth: *see also* Development; Maturation
 tracheobronchial epithelium, L361
 Guanylate cyclase, stress, vascular reactivity and, L207
 Guanylyl cyclase, generation, tracheal smooth muscle, L489

H

- Histamine, heterogeneity, pure mast cell granules, L153
 Hormonal regulation, glucocorticoid effects, tracheal epithelial cells, L83
 Hybridomas, antibody study of protein, lung diseases, L1
 Hydraulic conductivity, albumin effects, pulmonary artery endothelial monolayers, L571
 Hydrogen ion, concentration, pH in pulmonary artery smooth muscle and, L516
 Hydrogen peroxide
 injury
 pulmonary alveolar epithelial cells, L318
 supplemental fatty acid effects, endothelial cells, L481
 stress, vascular reactivity and, L207
 Hydroperoxides, ozone induction, lung, L412
 5-Hydroxyeicosatetraenoic acid, transcellular metabolism, AM-PMN cocultures, L594
 Hyperoxia, chemiluminescence and fungal cytotoxicity, alveolar macrophages, L457
 Hypertension
 pulmonary
 maturation changes, pulmonary artery (sheep), L280
 smooth muscle cell proliferation and, L136
 Hypoxia, lung, ceruloplasmin gene expression in, L68

I

- Immunoglobulin, Fc γ receptors, pulmonary alveolar macrophages, L403
 Immunohistochemistry, central respiratory neurotransmitters, L374
 Indomethacin, *P. aeruginosa* products and, tracheal ciliary function, L61
 Inositol phospholipids, metabolism, type II pneumocytes, L586
 Insulin-like growth factor
 limited division, pneumocytes in serum-free culture, L395
 tracheobronchial epithelium, L361
 Ionophore A23187, transcellular metabolism, AM-PMN cocultures, L594

K

- Keratinocyte growth factor, tracheobronchial epithelium, L361
 Kinins, role in airway, L212

L

- Lamellar body
 surfactant-associated protein synthesis and, lung, L226

M

- surfactant ontogeny, lung development, L562
 type II cells, lipid-sorting signal, L44
 Lectin, affinity purification, endothelial glycoproteins, L340
 Leukocytes, polymorphonuclear, AM cocultures, LTB₄ amplification, L594
 Leukotrienes
 molecular biology of, L13
 synthesis, tracheocytes (guinea pig), L349
 Leukotriene B₄, amplification, AM-PMN cocultures, L599
 Lipids
 clearance, reutilization of surfactant phospholipids, L268
 peroxidation, supplemental fatty acid effects, endothelial cells, L481
 Lipoxygenase, molecular biology of, L13
 5-Lipoxygenase, transcellular metabolism, AM-PMN cocultures, L599
 LTB₄; see Leukotriene B₄
 Lung
 airway epithelium, neuroepithelial bodies and cell proliferation, fetus (hamster), L234
 alveolar epithelium, regulatory mechanisms and, L381
 alveolar type II pneumocytes, amiloride-inhibitable sodium ion conductive pathways in, L90
 antioxidant enzyme, induction by ozone, L412
 catalase gene expression, perinatal, L428
 compartments, surfactant apoprotein, dexamethasone and, L161
 cytokine signaling, fibroblasts, L123
 development
 fetal, fluid secretion, L494
 glycogen storage disorder and, fetus, L419
 diseases, protein structure and function, antibodies and, L1
 epithelium, neutral endopeptidase in, glucocorticoids and, L83
 experimental damage, surfactant subtypes and, L302
 fibroblasts, sulfation by, L451
 glutamine transport, pulmonary artery endothelial cells, L241
 inflammation, ceruloplasmin gene expression in, L68
 injury, plasminogen activator inhibitor-1 and urokinase, L286
 macrophage cytotoxicity, oxygen-enhanced, L457
 Mn-SOD expression, tumor necrosis factor- α , L296
 oxidant injury, alveolar epithelial differentiation and, L318
 surfactant-associated protein synthesis, cAMP effects, L226
 surfactant phospholipids, reutilization of, L268
 surfactant protein D, primary translation products, L247
 type II alveolar epithelial cell antigen and, L274
 type II cells
 development of, L113
 enhanced fatty acid biosynthesis and surfactant secretion, L577
 surfactant ontogeny, L562
 vasoreactivity of, inhibitors of EDRF and EDHF effects, L97
 Macrophages
 alveolar
 ceruloplasmin gene expression in, L68
 Fc γ receptors on, L403
 PMN cocultures, LTB₄ amplification, L594
 alveolar type II, amiloride-inhibitable sodium ion conductive pathways in, L90
 cytotoxicity, oxygen-enhanced, lung, L457
 motility, okadaic acid and, L105
 pulmonary alveolar, superoxide production by, L464
 Manganese superoxide dismutase
 expression, tumor necrosis factor- α , L296
 regulation, pulmonary artery endothelial cells (pig), L444
 Mastocytoma cell, intact granules purified from, heterogeneity of, L153
 Maturation: see also Development; Growth
 EDRF activity changes, pulmonary artery (sheep), L280
 endothelin 1 actions and, airway smooth muscle, L434
 lung, dexamethasone and, L146
 myosin content and, airway smooth muscle contraction, L471
 Methionine, synthesis, cAMP and, lung, L226
 Mn-SOD: see Manganese superoxide dismutase
 Models, radiation, adult respiratory distress syndrome, surfactant subtypes in, L311
 Mucin glycoproteins, immunological properties, trachea, L326
 Mucus, respiratory, immunological properties, L326
 Muscle, smooth
 airway
 contraction, myosin content, maturational changes, L471
 force generated by, L522
 maturing, endothelin 1 action in, L434
 neutral endopeptidase role in, L212
 perfused with blood-free solution, PAF effects, L260
 pulmonary arterial, intracellular pH effects, L516
 tracheal
 contractility, endothelin 1 regulation of, L75
 endothelin-derived relaxing factor-like substance generation in, L489
 responsiveness, preconditioning effects, L168
 Muscle cells, smooth, pulmonary artery, protein kinase C activation and, L136
 Myosin
 content
 airway smooth muscle, L522
 maturational changes, airway smooth muscle, L471
 Myosin light chain, phosphorylation, macrophage motility and, L105

N

- Neuroendocrine cells, proliferation, neuroepithelial bodies and, lung, fetus (hamster), L234

- Neuroepithelial bodies, cell proliferation and, airway, fetus (hamster), L234
 Neurotransmitters, central respiratory, immunohistochemistry, L374
 Neutrophils
 chemotaxis, cigarette smoke, L254
 function, inhibitor of, bronchial lavage, L501
 Newborn, maturational changes in EDRF, pulmonary artery (sheep), L280

O

- Okadaic acid
 macrophage motility and, L105
 phosphorylation and dephosphorylation, type II pneumocytes, L548
 Oxidant
 injury, protection by tumor necrosis factor- α , L296
 stress, vascular reactivity and, L207
 Oxygen radicals
 activation, hypoxic pulmonary artery smooth muscle proliferation, L136
 chemiluminescence and fungal cytotoxicity, alveolar macrophages, L457
 P. aeruginosa products and, tracheal ciliary function, L61
 Oxyhemoglobin, cGMP accumulation and, tracheal smooth muscle, L489
 Ozone, induction of antioxidant enzyme, lung, L412

P

- PAF: see Platelet-activating factor
 Peptidase, type II alveolar epithelial cell antigen and, L274
 Peptides, role in airway, L212
 Permeability, albumin, pulmonary artery endothelial monolayers, L571
 Peroxidation, ozone induction, lung, L412
 Peroxide, organic, stress and vascular reactivity, L207
 Pertussis toxin, ADP ribosylation, type II pulmonary epithelial cells, L539
 pH
 intracellular
 pulmonary arterial smooth muscle, L516
 sodium-bicarbonate symport effects, alveolar epithelial cells, L555
 Phenotype, inheritance, mammalian cells, L386
 Phenylalanine, synthesis, cAMP and, lung, L226
 Phorbol 12-myristate 13-acetate, activation, hypoxic pulmonary artery smooth muscle proliferation, L136
 Phosphatidylcholine
 adenosine A₂-receptor-mediated secretion, type II pneumocytes, L52
 biosynthesis, hypertrophic type II cells, L577
 lipid-sorting signal, type II cells, L44
 secretion, type II pneumocytes, L586
 Phosphatidylinositol-glycan, Fc γ receptors, pulmonary alveolar macrophages, L403
 Phospholipase C, mechanism of action, maturing airway smooth muscle, L434
 Phospholipids, surfactant, experimental lung damage and, L302

- Plasminogen activator inhibitor-1, urokinase and, alveolar epithelial cell expression, L286
- Platelet-activating factor, isolated perfused airways, L260
- Platelet-derived growth factor, secretion, lung fibroblasts, L123
- PMN: see Leukocytes, polymorphonuclear
- Pneumocytes
 alveolar, sodium-bicarbonate symport effects on intracellular pH, L555
 alveolar type II, amiloride-inhibitable sodium ion conductive pathways in, L90
 expression, plasminogen activator inhibitor-1 and urokinase, L286
 hydrogen peroxide injury, L318
 surfactant phospholipids, reutilization of, L268
 type II
 adenosine A₂-receptor-mediated phosphatidylcholine secretion, L52
 ATP-stimulated inositol phospholipid metabolism and surfactant secretion in, L586
 development in lung, L113
 limited division, serum-free culture, L395
 protein phosphorylation and dephosphorylation, L548
- Pneumonitis, radiation, surfactant subtypes and, L302
- Prostaglandins
 mechanism of action, maturing airway smooth muscle, L434
 molecular biology of, L13
 regulation, airway contractility, L75
 synthesis, tracheocytes (guinea pig), L349
- Protease, neutral, pure mast cell granules, L153
- Protein
 contractile quantification, airway smooth muscle, L522
 eosinophil, airway hyperresponsiveness, L189
 guanine nucleotide binding, type II pulmonary epithelial cells, L539
 phosphorylation and dephosphorylation, type II pneumocytes, L548
 quantitation, gene expression, L179
 structure and function, antibody study of, lung diseases, L1
 surfactant-associated
 alveolar epithelium, L381
 primary translation products, L247
 synthesis of, L226
- Protein kinase C
 activation, hypoxic pulmonary artery smooth muscle proliferation, L136
 endothelin 1-induced contractions and, airway, L75
 phosphorylation and dephosphorylation, type II pneumocytes, L548
- Pseudomonas aeruginosa*, bacterial products derived from, tracheal ciliary function and, L61
- Pulmonary artery
 contraction, hydrogen ion concentrations and, L516
 endothelial cells
 glutamine transport, L241
 regulation of manganese superoxide dismutase in (pig), L444
 endothelial monolayers, hydraulic conductivity, albumin effects, L571
 smooth muscle cells, hypoxic, protein kinase C activation and, L136
- Puromycin, regulation, surfactant protein B synthesis, L37
- ### R
- Receptors, Fcγ, pulmonary alveolar macrophages, L403
- Respiratory distress syndrome, adult, radiation model, surfactant subtype convertase in, L311
- Respiratory regulation, central neurotransmitters, immunohistochemistry, L374
- Retinoic acid, tracheobronchial epithelium, L361
- Retinoids, tracheobronchial epithelium, L361
- Ribonucleic acid, messenger, stability, lung, perinatal, L428
- ### S
- Secretory granules, calcium loss, isolation of alveolar type II cells, L129
- Serum-free medium, pneumocytes in, limited division, L395
- Sodium
 absorption, unstimulated tracheal epithelium (horse), L510
 transport, microperfusion of bronchioles (sheep), L603
- Sodium-bicarbonate symport, intracellular pH, alveolar epithelial cells, L555
- Sodium ions, conductive pathways, amiloride-inhibitable, alveolar type II pneumocytes, L90
- Squamous differentiation, tracheobronchial epithelium, L361
- Stem cells, tracheobronchial epithelium, growth and differentiation factors, L361
- Stereology, type II pneumocyte development, lung, L113
- Sulfation, fibroblasts, lung, L450
- Superoxide
 ozone induction, lung, L412
 production, pulmonary alveolar macrophages, L464
- Superoxide dismutase, cGMP accumulation and, tracheal smooth muscle, L489
- Surfactant
 adenosine receptor-mediated secretion, L52
 development, type II pneumocytes, L113
 lipid-sorting signal, type II cells, L44
 ontogeny, lung type II cells, L562
 phospholipids, reutilization, isolated perfused lung, L268
 protein B gene transcription, glucocorticoid enhancement of, L37
 protein B mRNA, alveolar and bronchial epithelium, L146
 protein D, lung, primary translation products, L247
 secretion, L548
 hypertrophic type II cells, L577
 lung compartments, L161
 secretory granule calcium loss, L129
 type II pneumocytes, L586
 subtypes
 experimental lung damage and, L302
 radiation model of adult respiratory distress syndrome, L311
 synthesis, fetal lung development and, L419
- Surfactant apoprotein, dexamethasone effects, lung compartments, L161
- ### T
- Tachykinins, role in airway, L212
- Tachyphylaxis, PAF, airway, L260
- Taurine, sulfur-containing, macromolecular sulfation, L450
- Trachea
 ciliary function, *P. aeruginosa*-derived bacterial products in, L61
 epithelium, unstimulated, electrogenic transport (horse), L510
 mucin glycoproteins, immunological properties of, L326
 responsiveness, preconditioning effects, L168
- Tracheobronchial epithelium, growth and differentiation factors, L361
- Tracheocytes, eicosanoid synthesis (guinea pig), L349
- Transforming growth factor-α, tracheobronchial epithelium, L361
- Transforming growth factor-β, secretion, lung fibroblasts, L123
- Tumor necrosis factor-α, Mn-SOD expression and, L296
- ### U
- Urokinase, plasminogen activator inhibitor-1 and, alveolar epithelial cell expression, L286
- ### V
- Vasoconstriction, hypoxic, inhibitors of EDRF and EDHF effects, L97
- Vasodilation
 pulmonary
 inhibitors of EDRF and EDHF effects, L97
 maturational changes, pulmonary artery (sheep), L280

Author Index to Volume 4

- Abman, S. H., L280
 Abraham, W. M., L161
 Absher, M., L123
 Adams, T., L61
 Al-Bazzaz, F. J., L594
 Anderson, C. L., L403
 Arad, I., L226
- Bayles, G., L501
 Benos, D. J., L90
 Block, E. R., L241, L444, L481
 Blumenthal, R. N., L260
 Bode, B. P., L241
 Borgeat, P., L349
 Borson, D. B., L83, L212
 Brewer, J. M., L326
 Bridges, R. J., L90
 Buck, M. G., L501
 Buckley, S., L548
 Burhans, M. S., L296
 Burke-Wolin, T., L207
 Burr, I. M., L444
 Byrne, P. J., L395
- Carley, W. W., L340
 Chander, A., L226
 Chatfield, B. A., L280
 Chuang, S. T., L75
 Cilento, E. V., L464
 Clark, J. C., L37, L296
 Clerch, L. B., L412, L428
 Cohen, A. B., L1
 Cooper, J. A., L571
 Cooper, J. A. D., Jr., L501
 Cosico, L., L548
 Cozens, A. L., L386
 Crandall, E. D., L555
 Crouch, E., L247
 Cunningham, P., L522
- de Lanerolle, P., L105
 Dempsey, E. C., L136
 DiGregorio, K. A., L464
 Dodia, C., L226
 Douglas, J. S., L52
- Eckenhoff, R. G., L129
 Edelson, J. D., L395
 Edwards, J. A., L318
 Elgavish, A., L450
- Fabisiak, J. P., L123
 Farah, M., L594
 Fasoli, A., L530
 Feinstein, S. I., L226
 Fisher, A. B., L129, L226
 Fleming, R. E., L68
 Floros, J., L146
 Fram, E. K., L113
 Funkhouser, J. D., L274, L381
- Gillis, C. N., L340
 Gitlin, J. D., L68
 Gobran, L. I., L52, L586
 Gossman, G. L., L254
 Griesse, M., L52, L586
 Gross, N. J., L302, L311
 Gross, T. J., L286
 Gruenert, D. C., L83, L386
 Grunstein, M. M., L75, L434
 Gurtner, G. H., L207
- Halayko, A., L471
 Halayko, A. J., L522
 Hall, S. L., L280
 Hamann, K. J., L189
 Han, R. N. N., L395
 Han, V. K. M., L395
 Hart, C. M., L481
 Hasunuma, K., L97
 Hawes, K., L123
 Haynes, S., L44
 Herskowitz, K., L241
 Ho, Y.-S., L161
 Holtman, J. R., Jr., L374
 Hoyt, R. F., Jr., L234
- Iqbal, J., L428
 Ishii, K., L489
- Jackowski, J. T., L61
 Jacoby, J., L268
 Jetten, A. M., L361
 Jiang, H., L522
 Jones, M., L274
 Joris, L., L510
- Kelley, J., L123
 Kelly, C. J., L286
 Kelly, E., L168
 Kelly, E. A., L471
 Kindt, G. C., L403
 Kirchhoff, C. F., L260
 Koyama, S., L254
 Krampetz, I. K., L516
 Kunkel, R. G., L318
- Lantz, R. C., L464
 Laporte, J., L349
 Larson, E. W., L113
 Lauredo, I. T., L61
 Lazarus, S. C., L153
 Leff, A. R., L168, L189, L260, L471
 Longmore, W., L247
 Longmore, W. J., L268
 Longmuir, K. J., L44
 Loten, E. G., L419
 Lubman, R. L., L555
- Maghni, K., L349
 Malik, A. B., L571
 Mariencheck, W., L247
 Massaro, D., L412, L428
 Matalon, S., L90
 Mattoli, S., L530
 Mattoso, V. L., L530
 McCandless, B. K., L571
 McCray, P. B., Jr., L494
 McDowell, E. M., L234
 McMurtry, I. F., L97, L136, L280
 McNelly, N. A., L234
 Meezan, E., L450
 Mendicino, J., L326
 Merker, M., L340
 Merrill, W. W., L501
 Miller, E. J., L1
 Mitchell, R. W., L168, L471
 Mohideen, P., L457
 Moore, S. A., L403
 Moxley, M., L247
 Moxley, M. A., L268
 Munoz, N. M., L260, L471
 Murad, F., L489
 Murphy, T. M., L471
- Nelson, K. J., L254
 Nick, H. S., L444
- O, S.-J., L274
 O'Brien, R. F., L97, L136
 O'Reilly, M. A., L37
- Pawlowski, N. A., L75, L434
 Persson, A., L247
 Peterson, R. D. A., L274, L381
 Phelps, D. S., L146
 Powers, M. R., L571
 Prié, S., L349
- Quinton, P. M., L510
- Rahman, I.-U., L412
 Rami, J., L577
 Randell, S. H., L562
 Rannels, D. E., L539
 Rannels, S. L., L419
 Rannels, S. R., L129, L419
 Rao, K., L522
 Rennard, S. I., L29, L254
 Reza, M. M., L318
 Rhoades, R. A., L516
 Roach, J., L471
 Robbins, R. A., L254
 Rodman, D. M., L97, L280
 Rooney, S. A., L52, L577, L586
 Rosenberg, S. M., L434
 Roy, L., L471
 Ruegg, J. C., L105
 Ruoss, S. J., L153
- Russo, L. A., L539
 Rust, K., L247
 Rybin, V. O., L539
- Sangadala, S., L326
 Sasic, S. M., L577
 Schramm, C. M., L75, L434
 Schreck, R. E., L153
 Seth, R., L548
 Seybold, Zs., L61
 Sheng, H., L489
 Sibille, Y., L501
 Sielczak, M. W., L61
 Sigal, E., L13
 Silbajoris, R., L562
 Silbajoris, R. A., L161
 Simon, R. H., L286, L318
 Sirois, P., L349
 Sisson, J. H., L29
 Sitrin, R. G., L286
 Smith, R. M., L457
 Sneddy, J. G. T., L419
 Soloperto, M., L530
 Sorokin, S. P., L234
 Souba, W. W., L241
 Spain, C. L., L113
 Stephens, N. L., L471, L522
 Strek, M. E., L260
 Szepefalusi, Zs., L61
- Takai, A., L105
 Tangada, S. D., L274, L381
 Tanswell, A. K., L395
 Tarka, C., L594
 Tayag, A., L548
 Thomas, P. S., L153
 Tolson, J. K., L481
 Tuma, D. J., L29
- Uhal, B. D., L539
- van de Winkel, J. G. J., L403
 Visner, G. A., L444
- Wanner, A., L61
 Wanner, D. A., L61
 Warburton, D., L548
 Warner, B. B., L296
 Wegner, C. D., L189
 Welsh, M. J., L494
 Whitman, I. P., L68
 Whitsett, J. A., L37
 Wiesner, R. J., L179
 Wilson, A. K., L105
 Wispe, J. R., L296
- Yamaguchi, T., L97
 Young, S. L., L113, L161, L562
- Zak, R., L179
 Zitnik, R. J., L501

